

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	29	(int or integer) near5 MDCT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:38
S2	10	bit near2 (slice or slicing) near2 arithmetic near2 (code or coding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:05
S3	105146	layer near2 (inside or within or sub) near2 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:06
S4	3848	S3 and encoding	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:06
S5	1442	S4 and decoding	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:06
S6	1273	S5 and bits	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:07
S7	293	S6 and ("381".clas. or "375".clas. or "704".clas. or "348".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:14

## EAST Search History

S8	1047	layer near4 (divided or dividing or divide) near4 sub	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:14
S9	28	S8 and ("381".clas. or "375".clas. or "704".clas. or "348".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 17:10
S10	23	(decode or decodable) near4 layer near5 independently	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 08:45
S11	11	bits near4 order near5 value near5 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 13:10
S12	2	first near4 layer near5 (msb or "most significant bit") near6 (spectral or spectrum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 10:21
S13	88	fine near3 grain near3 scalability	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 13:32
S14	2	("6349284").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 14:17

## EAST Search History

S15	168	divid\$3 near4 layer near4 bits	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 17:09
S16	44	S15 and ("381".clas. or "375".clas. or "704".clas. or "348".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 17:10
S17	103	S15 and (encod\$3 or cod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 17:11
S18	3	psychoacoustic near5 side near2 information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:18
S19	3	side near3 information near6 psychoacoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:19
S20	2	side near3 information near6 masking near4 threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:21
S21	45	side near3 information same masking near4 threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:31

## EAST Search History

S22	4	side near3 information near6 psycho-acoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:50
S23	0	"2006" adj "359315"	DERWENT	OR	ON	2007/03/29 14:37
S24	0	side information deciding an order by using the psycho-acoustic model	DERWENT	ADJ	ON	2007/03/29 14:38
S25	183	(psychoacoustic or psycho-acoustic) near5 information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:54
S26	2	("5812971").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 15:02
S27	12	precision near3 gain near5 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:12
S28	15	maximum near5 precision near3 gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:11
S29	119	scalable near5 gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:59

## EAST Search History

S30	12	side adj information near5 perceptual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:00
S31	2	("20040184537").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:58
S32	0	branderburg.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:59
S33	0	branderburg.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:59
S34	1064	brandenburg.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:12
S35	2	("20050071155").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:21
S36	477	small\$3 near5 quantized near3 value	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:44

## EAST Search History

S37	4	S36 with band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:52
S38	2	("20030233234").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 09:53
S39	18792	Scal\$4 near4 (encod\$4 or cod\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:23
S40	36368	(Spectral or spectrum) near2 (value or coefficient or component)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:23
S41	19627	sublayer or sub\$1layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:23
S42	145370	(bit or byte) near3 (order or rang\$1 or rank\$3 or position\$3 or degree)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:02
S43	52048	(divi\$3 or partition\$4 or splitt\$4 or segment\$4 or decompos\$4 or subdivide\$4 or collaps\$3) near2 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:25

## EAST Search History

S44	2	("6853650").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:29
S45	2	("5991308").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:31
S46	2	("6904028").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:44
S47	2	("6865706").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:46
S48	4	("6801887").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:53
S49	2	("6173384").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:30
S50	2	("5909434").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:30

## EAST Search History

S51	2	("5884187").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:30
S52	2	("5859950").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:31
S53	2	("5644506").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:31
S54	2	("20070030794").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 18:31
S55	6	subscaling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 13:55
S56	18807	Scal\$4 near4 (encod\$4 or cod\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 13:56
S57	346	(sub adj frame or sub\$1frame) and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 13:58



## EAST Search History

S58	274	S57 and (@ad<"20030807" or @prad<"20030807" or @rlad<"20030807")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:02
S59	263	S58 and bit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:02
S60	125	S59 and (bit near3 (order or rang\$1 or rank\$3 or position\$3 or degree))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:04
S61	125	S58 and (bit near3 (order or rang\$1 or rank\$3 or position\$3 or degree))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 18:26
S62	15	maximum near5 precision near3 gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 18:51
S63	1407	(chang\$3 or alter\$3 or switch\$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain near4 (paramet\$3 or criteri\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 18:51
S64	140574	(speech or voice or vocal or acoustic\$2) near2 signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 18:51

## EAST Search History

S65	479672	cyclic\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 18:52
S66	1	S63 same S64 same S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 18:52
S67	82	S63 and S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 18:53
S68	73	S67 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 08:54
S69	1407	(chang\$3 or alter\$3 or switch\$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain near4 (paramet\$3 or criteri\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:55
S70	479672	cyclic\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 08:54
S71	82	S69 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 08:54

## EAST Search History

S72	73	S71 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 11:26
S73	13	S72 and speech	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:20
S74	2	("20040243404").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 10:33
S75	2	("20020184010").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:24
S76	14	(cycl\$4 near3 period) and codebook and index and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 11:25
S77	11	S76 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:42
S78	1838	dispers\$3 near4 gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:42

## EAST Search History

S79	0	S78 same (sub\$1frame or subframe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:15
S80	15	S78 and (sub\$1frame or subframe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:11
S81	14	(cycl\$4 near3 period) and codebook and index and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 16:19
S82	11	S81 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 16:16
S83	0	S82 and S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:44
S84	4	S82 and (chang\$3 or alter\$3 or switch\$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:56
S85	2883	(spread\$3 or spars\$3) near4 gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:15

## EAST Search History

S86	1	S85 same (sub\$1frame or subframe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:15
S87	85	S85 and (sub\$1frame or subframe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:15
S88	79	S87 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:32
S89	4	(increment\$4 or increas\$3 or enlarg\$3 or rais\$3) near5 (codebook or code\$1book) near5 gain near5 (index\$5 or indices)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:34
S90	70940	(cycl\$4 near3 period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 16:19
S91	125	fixed near3 (codebook or code\$1book) near3 gain near3 index	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 16:20
S92	4	S90 and S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 16:23

## EAST Search History

S93	2	("6738733").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 16:23
S94	1407	(chang\$3 or alter\$3 or switch\$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain near4 (paramet\$3 or criteri\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 16:39
S95	479672	cyclic\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 16:39
S96	82	S94 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 16:50